

## RETRACTABLE LAP BELT FITTING INSTRUCTIONS

### IMPORTANT!

- This seat belt assembly should be installed by a competent mechanic at an approved fitting station.
- It is vital that the instructions and illustrations for the specific application are studied carefully before commencing with the installation.
- Correct selection of inertia reel angle is necessary for the correct function of the inertia reel and smooth extraction and retraction of the belt. Incorrect angle selection can result in excessive belt edge abrasion and reduced the life of the belt.

**WARNING! – To the installer: Please read the whole of the instructions for the installation carefully and consult Klippan safety products in the event of doubt as to the method of installation.**

- Ensure that the correct installation diagram is followed for your particular application.
- Also read the general Information and safety Check-list carefully.
- Install the belt directly in accordance with instructions to obtain maximum efficiency. Any deviation could adversely affect the performance of the belt in an accident.

Please leave the “General Instructions for Use of Seat Belts” in the vehicle so that they may be read by the owner.

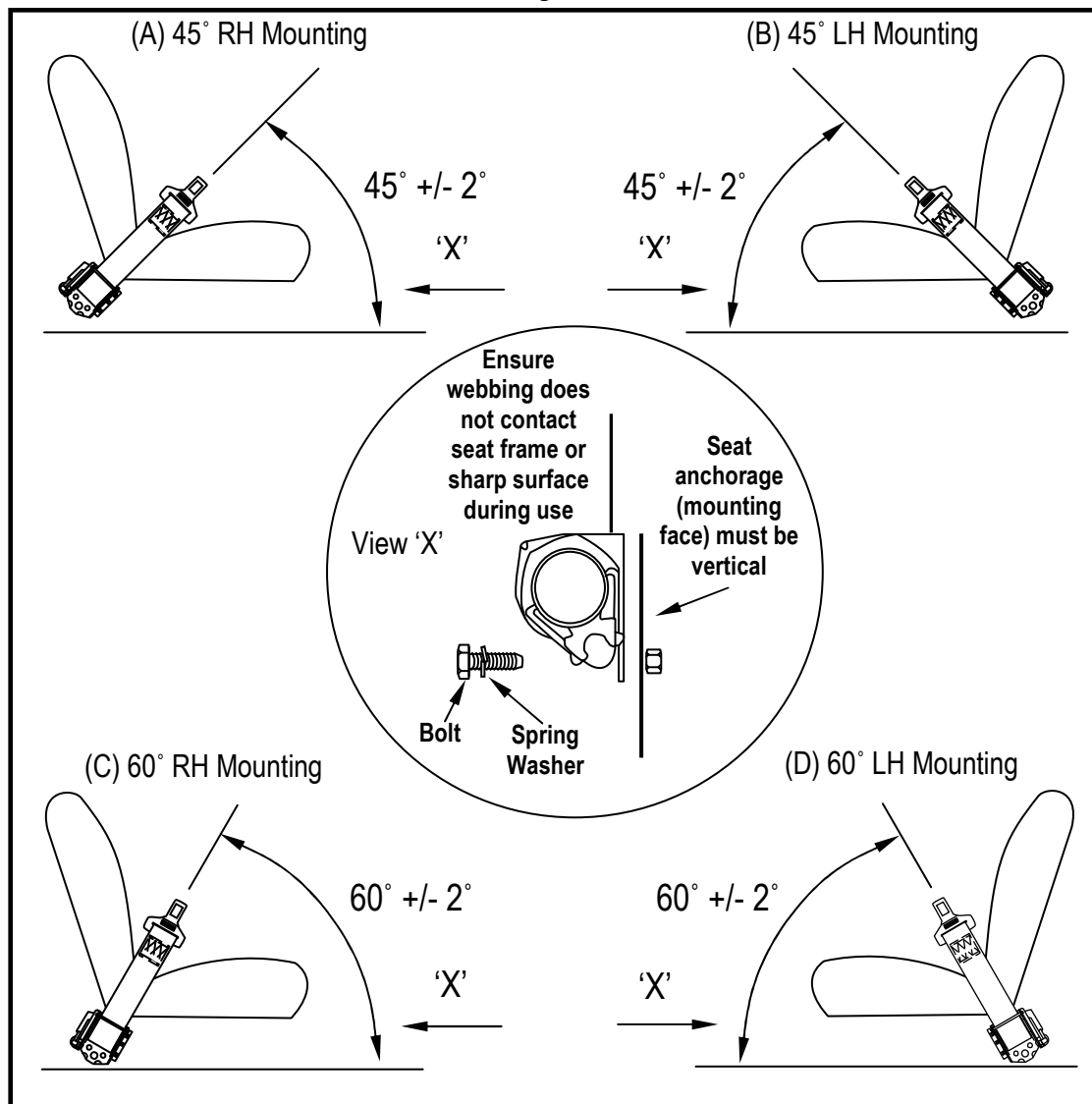
This assembly carries the certification mark of the Standards Association of Australia and installed in accordance with these instructions will provide the required degree of protection to the wearer, in most type of accidents.

Accompanying these installation instructions are further instructions for the wearer of the belt assembly. The installer should ensure that these instructions are passed on to the owner.

**WARNING! - Retractable Lap Belts are not suitable for all seats within all buses. Please contact your nearest authorized restraint fitting station for belt installation where no original belt anchorages are installed.**

- Do not use a belt in earthmoving or open type vehicles without a safety roll cage or bar.
- Do not replace your existing Lap Sash Static or Lap Sash Retractable Belt with a Lap only Retractable Belt.

**Figure 1**



## INERTIA REEL FITMENT

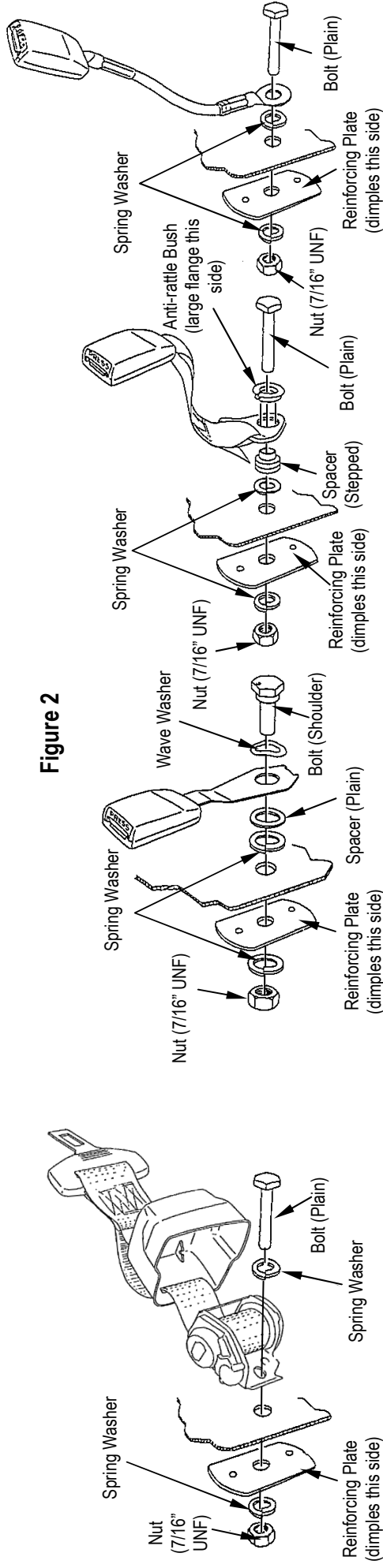


Figure 2

### Retractable Lap Belt

### Stem Buckle

### Webbing Buckle

### Cable Stalk Buckle

- Tampering with the Inertia Reel will void the manufacturer's warranty.
- Where possible have the assembly installed by a competent mechanic at a fitting station.
- Do not make an alterations or additions to the belt.
- No excessive slackness in the belt should be evident.
- Webbing must not be allowed to chafe against sharp edges on seat or body work.
- Do not drill additional mounting holes in vehicle with inbuilt anchorages.
- Do not attach the belt assembly to unsound metal or to wood or plastic structures.
- Do not bleach or dye under any circumstances.
- Do not replace a stalk buckle with a webbing buckle.
- Do not attach the seat belt assembly to an in-built child anchorage, the vehicle seat or seat mounting bolts, unless the vehicle manufacturer has provided seat belt anchorages in the seat, or uses the seat anchor bolts for this purpose.
- After installation, please insure that bolts are securely tightened, all plastic covers are in place and there are no apparent loose or ill fitting parts present.

1. When the inertia reel is removed from the box it will have all of its webbing retracted onto its spool. Mount the inertia reel onto the side of the seat of the seat frame. The inertia reel housing comes with a location lug to assist in maintaining the correct angle during bolt tightening. In most applications a 6mm diameter hole for the location lug must be drilled to ensure proper accommodation of the inertia reel.
2. The retractor supplied is the dual sensitive type. Sudden vehicle movement and/or rapid webbing withdrawal or stop following webbing retraction will cause the retractor to lock. In order to ensure correct functioning of the sensing mechanism, the retractor must be mounted within 2 degrees of its designed mounting as shown in figures 1(a), 1(b), 1(c) & 1(d)
3. For vehicles with an inbuilt anchorage, install the inertia reel as shown in Figure 2
4. For vehicles or applications without an in-built anchorage, select an appropriate location clear of any obstruction and mount as per Figure 2 using Klippan anchor kit p/no.: K2887 or equivalent.
5. Tighten the bolt securely to a torque 25 – 30 lbFt (35-40 Nm).
6. Carefully clip plastic cover onto the inertia reel assembly

**NOTE: THERE MAY BE MORE FITTINGS THAN NEEDED. PLEASE DISCARD UNUSED FITTINGS.**